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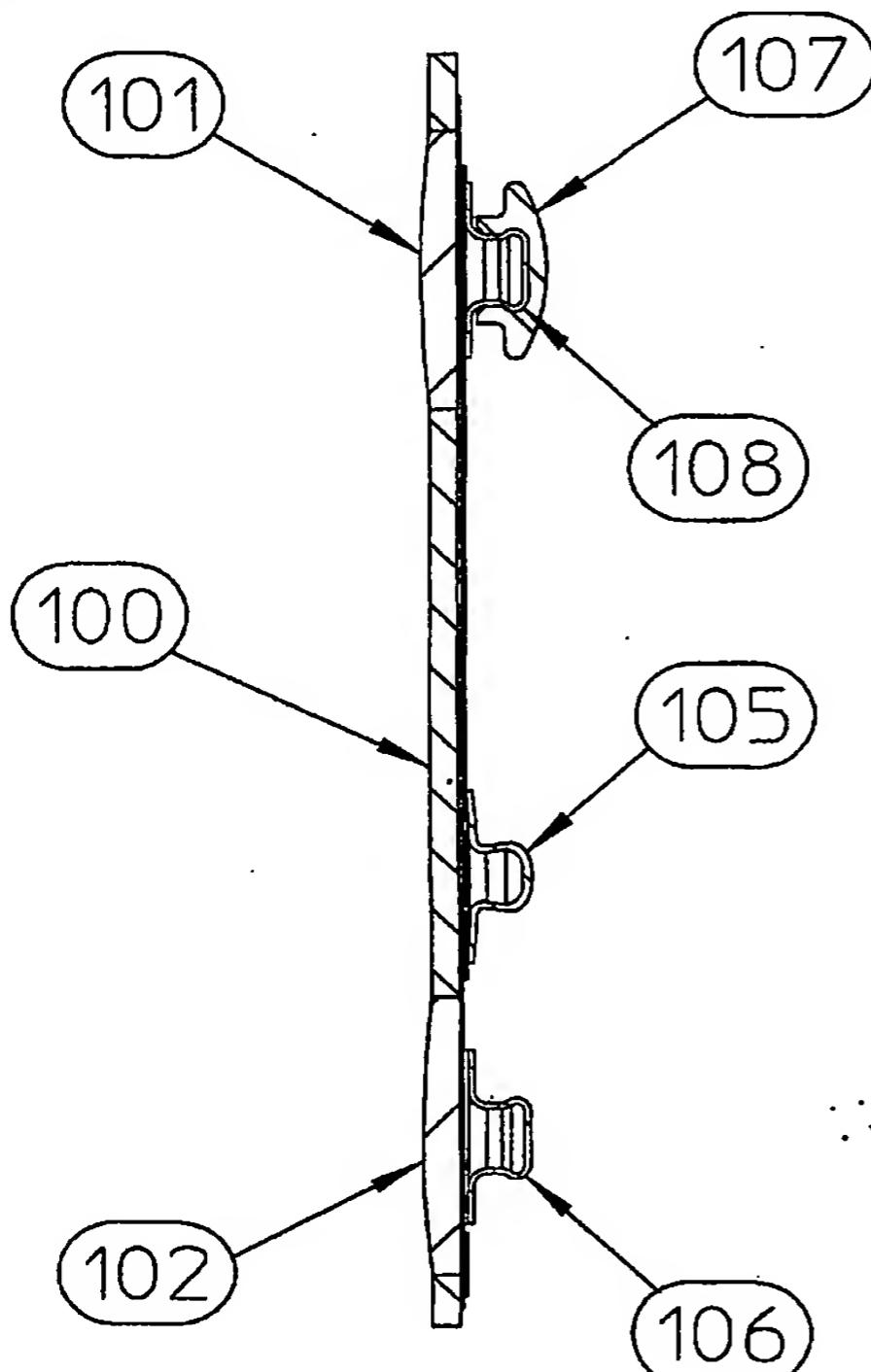
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(54) Title: DUAL ELECTRODE WITH THREE STUDS FOR IMPEDANCE CARDIOGRAPHY



CROSS-SECTION

(57) Abstract: A quick-connecting dual electrode assembly for use in procedures such as impedance cardiography includes a body having a cable side and a patient side, and three eyelets arranged therein. A distal snap assembly having a distal stud (108) is secured in a first eyelet (101a) of said three eyelets (101a, 102a, 105a) near an end of the body. An additional stud (105) is arranged in a second eyelet (105a) near a center of the body, wherein the distal stud (108) and the additional stud (105) are electrically joined by a jumper assembly. A proximal snap assembly having a proximal stud (106) secured in a third eyelet (102a) at an opposite end from where the distal stud (108) is arranged proximally to the additional stud (105), so that a distance between the proximal stud (106) and the additional stud (105) is substantially less than a distance between the distal stud (108) and the additional stud (105). The additional stud (105) is electrically isolated from the patient side, and a gel portion is arranged on the patient side of the body for the first stud and the third stud. The electrode apparatus facilitates quick connection of a small dual plug so that the dual plug does not have to be the length of the distance between the two electrically connected studs, yet keeps the electrodes in contact with the patient at an optimum distance apart.

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